

## ABSTRACT OF THE DISCLOSURE

5     A swirl chamber used in association with a combustion chamber  
for diesel engines, includes a pair of sub-nozzle holes on the opposite  
sides of a main nozzle hole to supply a secondary air into the swirl  
chamber, the sub-nozzle holes being positioned such that the  
secondary air ejected therethrough is fully utilized for the  
10    combustion in the swirl chamber, thereby securing the complete  
combustion and the reduction of environmental contaminants such  
as NO<sub>x</sub> and fumes.